CIA-RDP86-00513R001653520001-8 "APPROVED FOR RELEASE: 08/26/2000

SOURCE CODE: UR/0058/65/000/011/D012/D012 32058-66 EWT (1) ACC NR: AR6016173

AUTHOR: Zhevakin, S. A.; Strelkov, G. M.

GENERALINE TENENCHEN DER SEINE DER VON DER TENENCHEN DER SEINE DER

TITLE: On the form of the spectral line due to collisions

SOURCE: Ref. zh. Fizika, Abs. 11086

REF SOURCE: Tr. Komis. po spektroskopii. AN SSSR, t. 3, vyp. 1, 1964, 39-41

TOPIC TAGS: spectral line, light scattering, kinetic equation, molecular spectrum

ABSTRACT: It is shown that an error has crept into the derivation of the formula for the contour of the spectral line in the well known paper of Van-Vleck and Weisskopf. For an idealized model of the optical oscillator the correct form of the spectral line can be obtained by the kinetic-equation method. This method leads to the same spectral-line shape under three different assumptions concerning the mechanism of the collision between the optical oscillator and the molecules surrounding it. This spectral-line shape, unlike the spectral-line shape given by Van-Vleck and Weisskopf, makes it possible to describe satisfactorily the rotational spectrum of water vapor. [Translation of abstract]

SUB CODE: 20

Card

VOLOVIK, V.D.; STRELKOV, G.P.; CHERKASOV, A.S.; CHURSIN, G.N.

Determining the moisture in sand from the attenuatic frast neutron flux. Atom.energ. 16 no. 4:366-367 Ap 164. (MIRA 17:5)

LIPKOVICH, Z.; ESTRIN, G.; MIROSHNICHENKO, D.; TRUBITSYN, N.; STRELKOV, I., master; LARIONTSEV, A.; ROMANOVICH, K.

SEET IN THE PROPERTY OF THE PR

Experience of innovators and efficiency promoters. Stroitel' 8 no.10:25-26 0'62. (MIRA 15:11)

1. Predsedatel' komiteta professional'nogo soyuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov stroitel'nogo uchastka No.108 tresta Mosstroy No.18 (for Lipkovich).

(Building—Technological innovations)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520001-8"

L 38912-66 EWT(d)/EWT(m)/EWP(v)/T/EWP(t)/ETI/EWP(k)/EWP(h)/EWP(1) IJP(c) ACC NR: AP6017640 JD/HM/HW (N) SOURCE CODE: UR/0133/66/00/001/0090/0091
AUTHOR: Kiselev, V. S. (Engr.); Strelkov, G. S. (Engr.); Sokolov, N. V. (Candidate of Technical Sciences); Ternavskiy, A. L. (Candidate of Technical Sciences)
ORG: NIIMetiz; Beloretak Steel Wire and Cable Factory (Beloretakoye staleprovoloch-no-kanatnoye proisvodatvo)
TITLE: Improvement of the quality of nichrome microwire 18
SOURCE: Stal*, no. 1, 1966, 90-91
ABSTRACT: After cold drawing, nichrome microwire in the free state twists into curls 1-3 mm in diameter which under tension form loops and cause the wire to break. Several methods of reducing or eliminating this defect are discussed. An arrangement for eliminating the curl on a wire 0.090 mm in diameter by centering the finishing draw plate is described; a wire 0.030 mm.in diameter with a curl 13-22 mm in diameter is thus obtained. Another arrangement is mentioned which produces such microwire
without any curl at all. Thermal treatment of the wire was also investigated, but although the mechanical and electrical properties of the wire were satisfactory, its although the mechanical and electrical properties of the wire were satisfactory, its
ing method involving the use of a D63-M flattening mill was also tested with good results. Orig. art. has: 5 figures. 75 to 14 SUB CODE: 11/ SUEM DATE: none/ ORIG REF: 001 Card 1/1

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STRELKOV, I. G.

2/149 STRELKOV, I. G. I BULG KOV, N. P. --O vliyanti pochvennykh usloviy na urozhay i semennuyu produktsiyu uzkolistnogo lyupina. Izvestiya akar. na k BuSh, 1 49, No. 4, s. 121-29

50: Letopis' thurnal'nyah statey, Vol. 39, Moskov, 1 -9
```

363:4 Malcalkaloidnyys lyspiny kak predatvo socianiya anthovop hany lovistiya akad. Ma k filik, 1 see, No. 5, J. 16,475

Cl. lateping Thomas Tayah States, Mo. 49, 434

STRELKOV, Ignatiy Georgiyevich

[Lupine and its use in White Russia] Lubiny 1 ikh prysianenne u
BSSR. Minsk, Driarzh. vyd-va BSSR, 1954. 33 p. (MIRA 10:8)

(White Russia--Lupine)

USSR/Fitting Out of Laboratories - Instruments, Their Theory, Construction, and

Referat Zhur - Khimiya, No 19, 1956, 62011 Abst Journal:

> Strelkov, I. G. Author:

Institution: None

Title: Metrological Work on Low Temperatures

Original

Izmerit. tekhnika, 1955, No 1, 22-27 Periodical:

Description of a procedure for measuring temperature below the lower limit of the International Scale (-183° C ~ 90° K). Use Abstract:

was made of a Pt resistance thermometer of spectral pure Pt (IONKh-3) (diameter 0.05 mm, resistance 100 ohms) mounted in a special housing. Correlation between resistance and temperature was determined on the basis of Matissen's rule using the tables for the L6 thermometer of the National Bureau of Standards. For reproduction of the boiling point of hydrogen use was made of a system of 2 condensation thermometers (see preceding abstract)

Card 1/2

CIA-RDP86-00513R001653520001-8" APPROVED FOR RELEASE: 08/26/2000

STRELKOW, I.G.

Dilatemetry of solids and some of its applications. Zhur.neerg.khim.
1 no.6:1350-1357 Je '56.

1.Institut fizicheskikh problem Akademii nauk SSSR.
(Dilatemetry) (Solids)

Perennial lupine in White Russia. Zemledelie 4 no.11:92-96
N '56. (MLRA 10:2)

1. Institut sotsialisticheskogo sel'skogo khozyaystva Akademii
nauk BSSR.
(White Russia--Lupine)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520001-8"

J-4

STRELKOV, I. G.

USSR/Soil Cultivation. Organic Fertilizers.

Abs Jour: Ref Zhur-Biologiya, No 1, 1958, 1279.

Author : Strelkov, I.G.

: Institute of Socialist Agriculture of the Academy of Inst

Science BelSSR

: How to Use Perennial Lupine for Fertilizer. Title

Orig Pub: Kolkhoznik Belorussii, 1256, No 6, 19-20.

Abstract: On the experimental base "Borovlyan" of the Institute of Socialist Agriculture of the Academy of Sciences BelSSR perennial lupine was planted with oats on the last plot of an eight-field rotation system. The lupine yield increased significantly upon application of PK Rye, sown with perennial lupine, gave the same yield as when sown on fallow land fertilized with 20 T/hectare of mamure. Impine also increased the yields of perennial grasses. To prevent lupine from interfering with the succeeding crops it is sown during

: 1/2 Card

-14-

USSAPPROVED:FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520001-8"

Abs Jour: Ref Zhur-Biologiya, No 1, 1958, 1279.

the flowering phase, and not less than two plowings of the land are done, using gang plows with the moldboards removed, before sowing the winter crops.

Card: 2/2

-15-

USSR / Soil Science. Organic Fertilizers.

J

Abs Jour : Ref Zhur - Biologiya, No 11, 1958, No. 48674

crop rotations of the kolkhozos and sovkhozes of the non-chernozem belt, the leading place among the legume crops for soil improvement should be occupied not by the narrow-leaf bitter lupines, but by fodder lupine. -- N. N. Sokolov

Card 2/2

44

SHEMPEL', V.I., glav. red.; PROKOPOV, P.Ye., red.; STRELKOV, I.G., red.; RUBANOV, V.S., red.; LAZARCHIK, K., red.; LESHCHILOVSKIY, P., red.

医奇姆纳

[Methods for improving the fertility of turf-Podzolic soils Priess: povysheniia plodorodiia dernovo-podzolistykh pochv; sbornik nauchnykh trudov. Minsk, Urozhai, 1965.
217 p. (MIRA 18:7)

1. Belorusskiy nauchno-issledovatel'skiy institut zemle-deliya.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520001-8"

STRELKOV, Ignatiy Georgiyevich; NACORSKAYA, Mariya Dmitriyevna; OSTROVOY,
Illarion Petrovich; LARIN, V.D., red.; TIMOSHCHUK, R.S., tekhn.
red.

THE HILLIAM SOME STORES AND THE COMMENCENT OF THE SECOND S

[Perennial lupine]Mnogoletnii liupin. Minsk, Gos.izd-vo sel'-khoz.lit-ry, BSSR, 1962. 47 p. (MIRA 15:11) (White Russia-Lupine)

STRELKOV, 1.N.

Hydraulic press for repressing rotor iron. Biol.tekh.-eken.
inform.Gos.nauch.-issl.inst.nauch. i tekh.inform. 16 no.ll:
36-37 163.

(MIRA 16:11)

STREIKGV, I.N.

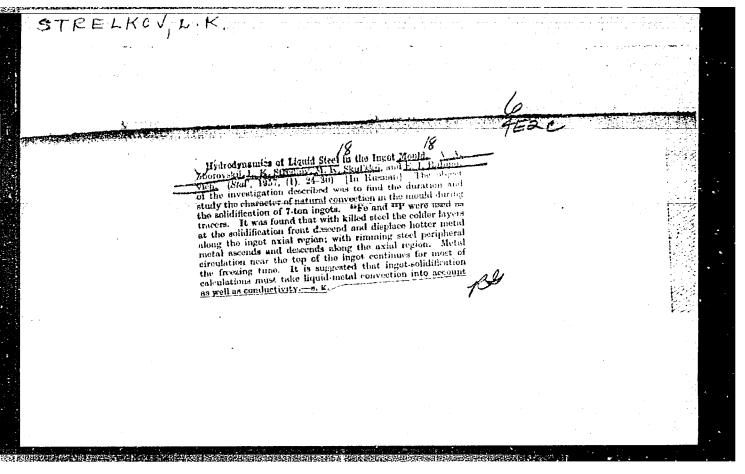
The N-738 horizontal press for bending corner iron. Biul. tekh.ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18
no.7:49-50 J1 65.

(MIRA 18:9)

KHOKHLOV, A.L., dotsent; GOLOVATYY, G.M., kand.veter.nauk; STRELKOV, K.N., veterinarnyy vrach

Treating esophageal obstruction in cattle. Veterineriia 42 no.8:66-69 Ag *65. (MIRA 18:11)

1. Leningradskiy veterinarnyy institut (for Khokhlov).
2. Kamenets - Podol'skiy sel'skokhozyaystvennyy institut (for Golovatyy). 3. Kolkhoz "Druzhba", Borovskiy rayon, Kaluzhskaya oblast' (for Strelkov).



137-1957-12-23350

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 72 (USSR)

AUTHOR: Strelkov, L.K.

TITLE: A Study of the Character and Rate of Erosion of Refractory Blast-

Furnace Lining at the Magnitogorsk Combine (Izucheniye kharaktera i skorosti razgara ogneupornoy kladki domennykh

pechey Magnitogorskogo kombinata)

PERIODICAL: V sb.: Primeneniye radioaktivn. izotopov v chernoy

metallurgii. Chelyabinsk, Knigoizdat, 1957, pp 49-58

A large quantity of radioactive isotopes (Co⁶⁰, P³², Ca⁴⁵, ABSTRACT:

and W145, with radioactivity ranging from 0.62 to 3000 mc, encased in steel or porcelain envelopes, were placed into the lining of the well or of the lower shaft section of blastfurnaces Nrs 3, 4, 6, 7, and 8, while the latter were undergoing repair or construction work. The disintegration of the lining was

detected by the appearance of radioactivity in the pig iron, together with a general decrease in radioactivity in the vicinity of the sources. It was established that the most intense disinte-

Card 1/2

137-1957-12-23350

A Study of the Nature and Rate of Heat, of Fire-Proof Blast-Furn, Lin. (cont.)

AR NEW PROPERTY AND THE PROPERTY OF THE PROPERTY OF THE PROPERTY AND THE PROPERTY OF THE PROPE

gration of the furnace lining occurs during the period immediately following the firing up of the furnace, particularly in the lower section of the shaft; owing to their low binding strength, the carbon blocks of the furnace will begin to float as early as two months after the furnace was set in operation. The mixing of the pig iron in the hearth and in the "pit", which had formed in the bottom of the well, was found to be small.

L. Kh.

1. Furnaces 2. Refractory materials-Prosion

Card 2/2

STRU Har lok

AUTHOR:

ZBOROVSKIY, A.A., STRELKOV, L.K., SKUL SKIY, M.K.,

PA - 2374

TITLE:

engineers, and RABINOVICH, E.I., cand. of tech.sc.
Hydrodynamics of Molten Steel in Molds. (Gidrodinamika zhidkoy

stali v izlozhnitse, Russian).

PERIODICAL:

Stal', 1957, Vol 17, Nr 1, pp 24 - 30 (U.S,S.R)

Received: 5 / 1957

ABSTRACT:

The present work was intended to investigate the duration and the character of the natural convection of liquid steel in the ingot mold on the occasion of the casting of blocks of 7 t weight of quiet and boiling steel. For this purpose thin-walled aluminum ampules were introduced into the molten metal in a depth of 20 cm from the level, which had radioactive isotopes of iron Fe59 and of phosphorus P52; this was done at certain intervals of time after the mold was filled with steel. The computation of the velocity of the molecular diffusion of Fe59 in liquid steel is carried out, and for the determination of the diffusion coefficient the Stockes-Einstein equation is used. The process of solidification in the molds is accompanied by intense mixing. When the quiet steel solidifies, the coldest layers of the liquid metal sink along the crystallization front and displace the metal with the higher temperature in the axial part of the block. In boiling steel the metal rises during the boiling period on the periphery of the melt and sinks in the axial zone.

Card 1/2

PA - 2374

Hydrodynamics of Molten Steel in Molds.

的时间,我们们的时间,我们就会看到10万元,我们们的时间,我们们的时间,我们们的时间,我们们的时间,我们们的时间,我们们的时间,我们们们的时间,这个时间的时间, 第一章

Mixing through ceases in the lower layers, but in the upper part circulation continues during the greatest part of the period of solidification. When the indicator is introduced from above, the marked atoms fix the contours of the crystallization front with sufficient accuracy only on the lateral edges of the block. When computing crystallization velocity it is necessary not only to take account of heat transfer because of the thermal conductivity but also of that due to the convection currents of the melt. The previously used computation method as employed for frozen ground does not express the true character of the phenomenon. (1 table and 13 illustrations).

ASSOCIATION: Metallurgical Combine of Magnitogotsk

PRESENTED BY: SUBMITTED:

AVAILABLE: Library of Congress.

Card 2/2

SOV/137-58-8-16554

Translation from: Referativnyy zhurnal, Metallurgiya, 1908, Nr 8, p 46 (USSR)

AUTHORS: Zborovskiy, A.A., Strelkov, L.K., Skul'skiy, M.K.,

Rabinovich, Kh.I.

TITLE: Employment of Autoradiography Methods in Determination of

the Rate of Solidification of Ingots of Rimmed and Killed Steel

(Opredeleniye skorosti zatverdevaniya slitkov spokoynoy i

kipyashchey stali metodom avtoradiografii)

PERIODICAL: V sb.: Staleplavil'n. proiz-vo, Moscow, Metallurgizdat,

1958, pp 184-196

ABSTRACT: Radioactive Fe⁵⁹ was introduced into killed steel at differ-

ent intervals of time following the casting of this steel into a 2400-mm high mold equipped with a lined cover and having the following dimensions: 760x680 mm (bottom) and 720x510 mm (top). Experimental ingots were rolled into square billets (120 mm per side), specimens were taken along the length of the rolled billet, and 5-mm thick transverse templets were cut from it for purposes of radiographic studies. Assuming that the ratio of the surface of activated zone to the surface of a

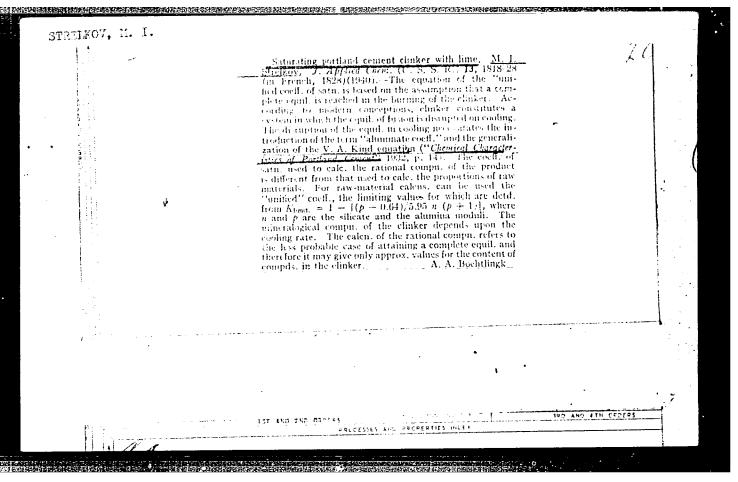
Card 1/2 transverse section of the ingot remains unchanged during

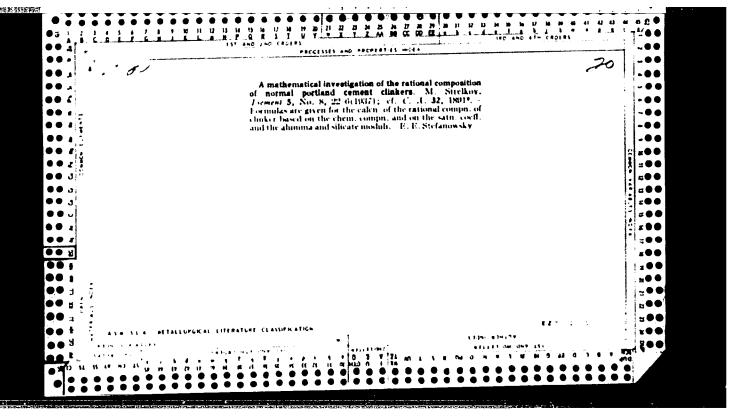
SOV/137-58-8-16554

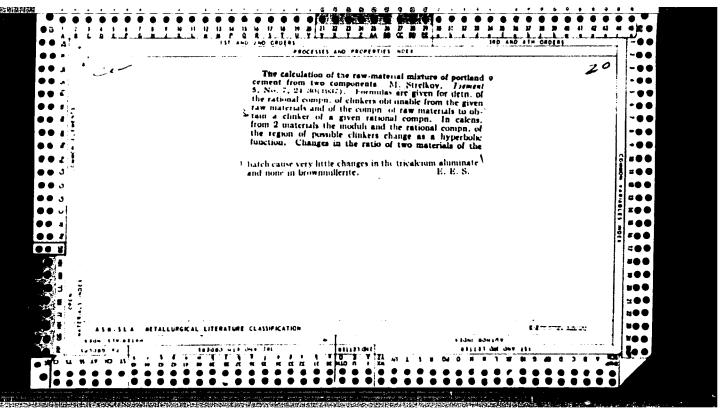
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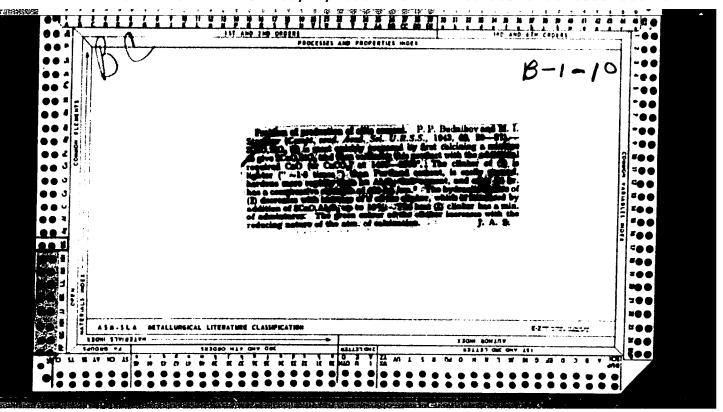
Employment of Autoradiography Methods (cont.)

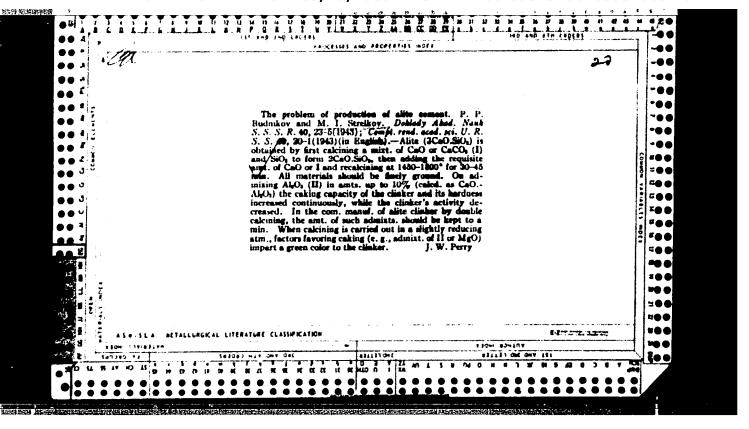
rolling, radiograms were employed in the computation of the thickness of a layer which had solidified by the time the isotope was introduced. The data obtained coincide almost completely with the curve D=2.6 \sqrt{t} , where D is thickness of the solidified layer of metal (expressed in mm); t is the time (in minutes) which has elapsed after the mold had been filled; 2.6 (cm/min) is the solidification constant of the steel in a cast-iron mold (obtained by the method of overturning of analogous ingots). When the molds with the ingots were not disturbed until the metal had solidified completely and the isotope was introduced into the ingot in three successive portions, four boundaries of isotope distribution, i.e., four zones of activity (the maximum activity being in the central zone) were observed in all but one experiment. It is assumed that the appearance of an "extra" zone is the result of intensified agitation of metal during the displacement (shaking) of the molds, a fact which may, therefore, have an adverse effect on distribution of liquates in an ingot. The crystallization of rimmed steel was investigated in an analogous manner by introducing radioactive isotopes of Fe or S into ingots weighing 6.9 tons. In computing the thickness of the solidified layer, the volumetric reduction of metal which occurs during rolling, apparently, was not taken into consideration with sufficient accuracy because the results obtained diverge somewhat from the values obtained by means of the "Chipmen" formula. $D=3.05+22.56 \sqrt{t}$. 1. Steel--Properties 2. Steel--Autoradiograph Card 2/2 3. Iron isotopes (Radiouctive) -- Applications

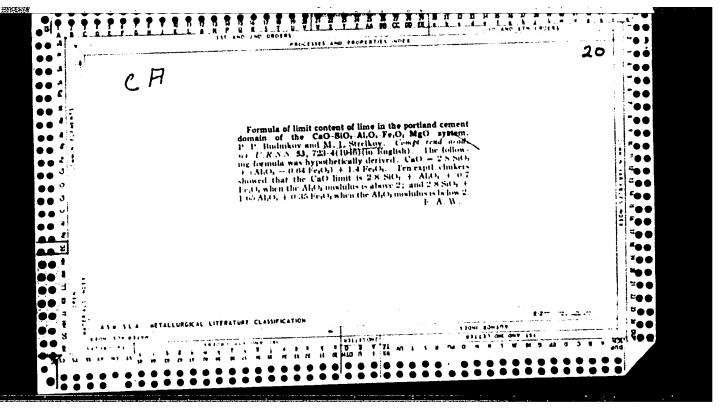


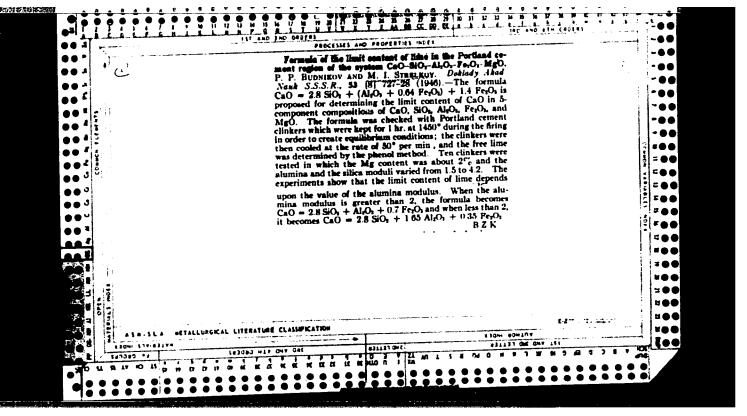


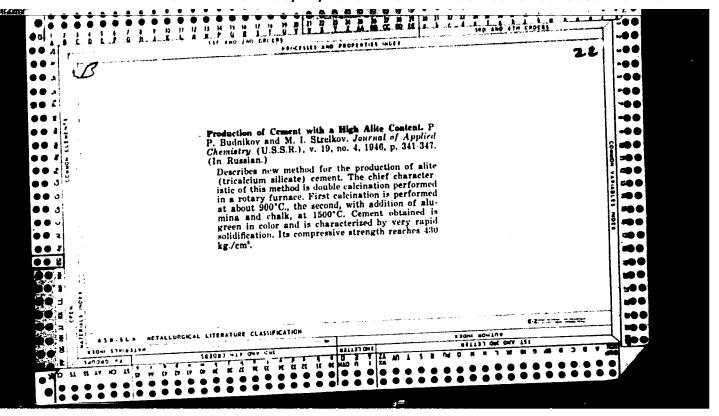


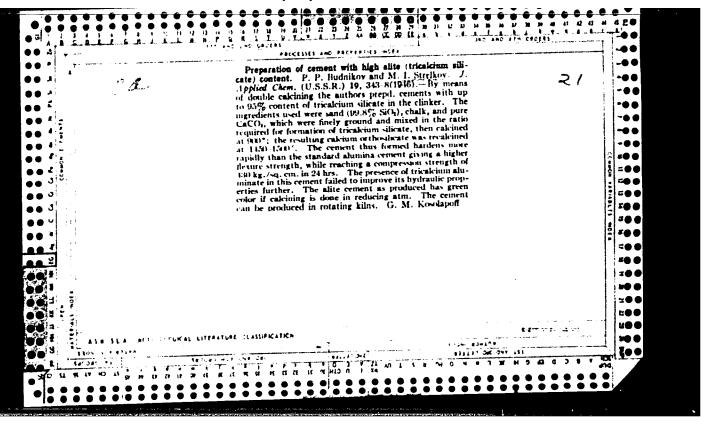


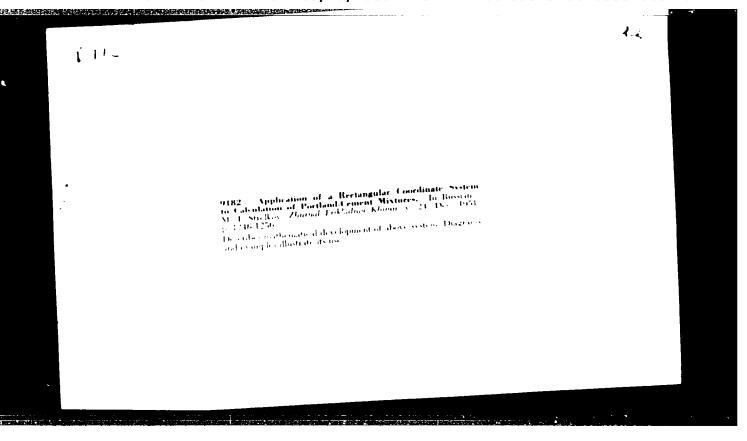












STRELKOV. M.I.

SCHEEN STEINE ST

Use of rectangular systems of coordinates for the calculation of moist portland cement mixtures. Zhur. Priklad. Khim. 24, 1246-56 '51; J.Appl. Chem (U.S.S.R.) 24, 1413-22 '51 [Engl. translation]. (MIRA 5:11) (CA 47 no.18:9586 '53)

BUDNIKOV, P., STRELKCY, M. I.

Binders (Chemistry)

"Chemistry of binding materials." Zhuravlev, V. F. Reviewed by P. Budnikov, M. I. Strelkov. Zhur. prikl. khim. 25, no. 6, 1952.

Monthly List of Russian Accessions. Library of Congress, Cotober 1952. Unclassified.

Chemical Abstracts
May 25, 1954
Cement, Concrete and other Building Materials
other Building Materials

The Relationship between mineralogical composition of clinker and characteristics of two-component cement mixtures. Mr. Sirre May 19 points Acid. Nack Utrain.
Nac make of the materials of the

STRELKOV, M.I.

Physiological conditions of Anopheles maculipennis messeae during fall and epidemiological role of autumnal generation in Transvolga section of Saratov region. Med. paragit., Moskva no.1:35-40 Jan-Feb 1953.

(CLML 24:4)

1. Of Saratov Oblast Anti-Malarial Station (Head -- G. M. Uman).

STRELKOV, M. I.

'APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653520001-8"

"The Presence of Gehlenite in Granulated Blast-Furnace Slags.

M. L. Strelkov. (Disklady Akademia Nink S.S.R., 1953, 90, (3), 411–443). [In Russian]. To verify statements in the literature that granulated blast furnace slags contain gehlenite, the velocity and degree of chemical reaction between calcium sulphate and this slag we a investigated. Some samples were also studied by the microscope and Nerrys. It is concluded that: (1) Gehlenite is not formed in normally granulated blast furnace slags: (2) the trisulphate form of calcium sulphate aluminate is produced during the interaction of slags with gypsino in saturated solutions; (3) During being of the slag in line-gypsium solutions, the monosulphate form of calcium sulphate aluminate is produced and this crystallizes in plates which at room temperature quickly transform into needles.—v. v.c.

Principles of preparation of multicomponent raw mixtures.

M. I. Strettskoy. Teement, 20 [4] 10-13 (1951)—The composition of a two component charge of a cement kine can be determined on the basis of titer; a three-component charge also requires the determination of the Fe₃O₅. An example of calculations for a three-component mixture is given.

B.Z.K.

STRELKOV, M.I., kandidat tekhnicheskikh nauk.

Automatic cement plant. TSement 21 no.1:5-8 Ja '55. (MIRA 8:4) (Cement industries)

STRELKOV, M.I., Doc Tech Sci -- (diss) "Theoretical bases for obtaining clinkers of standardized mineralogical composition and the manufacture of quick-hardening highly belied cements." Len,1958. 16 pp. (Inst of Chemistry of Silicates, Acad Sci USSR). 120 copies. List of the author's works at the end of the text. (24 titles). (KL, 12-58, 98)

-35-

STREIKOV, M. [Strilkov, M.], kand.tekhn.nauk; KRYZHANOVSKAYA, I.

[KRYZHANIVS'KA, I.], kand.tekhn.nauk; SYRKIN, Ya., kand.tekhn.
nauk; BLOKH, K., inzh.; DOLZHKOVA, G. [Dolzhkova, H.], inzh.

Colored slag cements. Bud.mat.i konstr. 2 no.1:31-32

F '60.

(Slag cement)

THE PROPERTY OF THE PROPERTY O

Continuous preparing of raw mixes is the basis for the organization of an automatically controlled concrete plant. TSement 26 no.5:14-18 S-0 '60.

(Cement plants)

(Automation)

SYRKIN, Yakov Moiseyevich; FRENKEL', Mikhail Borisovich. Prinimal uchastiye STHELKOV, M.I., kand.tekhn.nauk; KOMENDANT, K.P., red.; ZELFNKOVA, Ye.Ye., tekhn. red.

是是这种的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我

[Chemistry and technology of slag portland cement] Khimiia i tekhnologiia shlakoportlandtsementa. Kiev, Gosstroiizdat USSR, 1962. 176 p. (MIRA 15:7)

STRELKOV, M.I., kand.tekhn.nauk; CHUMAK, Z.P., inzh.

Electron microscope studies of the form and internal structure of Ca(OH)₂ separated out from supersaturated solutions. Stroi.

mat. 8 no.12:36-38 D '62.

(Lime) (Electron microscope)

BUDNIKOV, P.P.; STRELKOV, M.I.; PLAKSINA, F.Ye.

Content of sulfides in granulated blast furnace slags. Izv. AN SSSR. Met. i gor. delo no.5:80-83 S-0 '63. (MIRA 16:11)

STRELKOV, M.I.; CHUMAK, Z.P.

On pseudoforms of hydration of binders observed by the electron microscope. Dop. AN URSR no.8:1076-1080 '63. (MIRA 16:10)

1. Yuzhnyy nauchno-issledovatel'skiy institut promyshlennogo stroitel'stva. Predstavleno akademikom AN UkrSSR P.P. Budnikovym. (Binding materials) (Hydration) (Electron microscopy)

STRELKOV, M.I., kand. tekhn. nauk; BAKLANOV, G.M., inzh.; MININ, V.I., inzh.; DAVYDOV, B.V., inzh.; KUCHMENT, O.V., inzh.

学型中国**,在1000年间的中国,在1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1000年间,1**

Recent technological developments in the manufacture of reinforced contrete mine struts. Ugol! Ukr. 7 no.7:22-23 Jl '63. (MIRA 16:8)

(Mine timbering—Equipment and supplies)
(Reinforced contrete construction)

STRELKOV, M.I., kand. tekhn. nauk; FEDORYAKIN, B.F., inzh.

Intensification of the hydration process in hardening asbestos-cement products. Stroi; mat. 11 no. 12:24-26 D '65. (MIRA 18:12)

Electron dispressors study of CgA hydration. Do. all MECP no.1011/87-1600 165.

1. Thurking Tryl prombed NDI proyekt.

STERLKOV, Mikhail Nikiforovich; LUR'YE, A.B., redaktor; MOLODTSOVA, N.G., tekhnicheskiy redaktor

[Assembling equipment on a stock farm] Montazh oborudovaniia na zhivotnovodcheskikh farmakh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 139 p. (MIRA 9:12)

(Stock and stockbreeding)

(Farm mechanization)

来的可能是是是是是是是是是是是是不是自己的的。 第一个人,我们就是我们的是是我们的,我们就是我们的,我们就是我们的的,我们就是我们的人,我们就是我们的人,我们就是

STREIKOV, Mikhail Nikiforovich; IOFINOVA, M.A., red.; BARANOVA, L.G., tekhn.red.

[Assembling and operating equipment on stock farms] Montazh i ekspluatatsiia oborudovaniia zhivotnovodcheskikh ferm.

Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 175 p.

(MIRA 13:11)

(Agricultural machinery)

ZUYEV, A.I.; GLAZUNGV, P.D.; DANILENKO, N.M.; KISELEV, I.N.; STRELKOV, M.N.; IOFINOV, S.A., prof., red.; CHAPSKIY, O.U., red.; BARANOVA, L.G., tekhn.red.; FRIDMAN, Z.L., tekhn. red.

CENTRAL MANAGEMENT CONTRAL MANAGEMENT CONTRACTOR CONTRA

[Concise manual for the agricultural machinery operator]
Kratkii spravochnik mekhanizatora sel'skogo khoziaistva.
[By] A.I.Zuev i dr. Moskva, Sel'khozizdat, 1963. 583 p.
(MINA 17:1)

(Agricultural machinery)

STRELKOV. N.

Joint session of the clinical medicine and medical biology sections of the Academy of Medical Sciences of the U.S.S.R., the Central Administration of Resorts and Sanatoriums, Ministry of Health of the U.S.S.R., and the Central Institute of Resort Therapy. Vop.kur. fizioter. i lech.fiz.kul't, 21 no.2:83-88 Ap-Je '56. (MIRA 9:9) (PHYSICAL THERAPY)

STRELROV, Nikolay (Kislovodsk)

On the advice of the legendary general. Zdorov'e 6 no.12:24 D '60.
(MIRA 13:12)

AUTHORS:

Strelkov, N.K. and Volkov, V.V.

605

TITLE:

Experience in the Application of Oil Mist Lubrication in Ball Bearing Supported Grinding Spindles (Opyt Prineneniya Smazki Maslyanym Tumanom Sharikopodshipnikovykh Opor).

PERIODICAL:

"Stanki i Instrument" (Machine Tools and Cutting Tools, No.3, 1957, pp.40-41 (U.S.S.R.).

ABSTRACT:

Tests at the IGPZ Imeni L.M. Kaganovicha are reported wherein ball bearings supporting internal grinding spindles previously packed with sodium-lithium soap loaded grease were lubricated by an oil mist produced by a compressed air pulveriser. The service life of these spindles was increased from about 100 to over 400 hours. The mist is supplied at a pressure of 200 to 300 kg/cm², 2 to 3 g/hr per spindle are used and 1 to 2 m³/hr of compressed air.

Card 1/1

STRELKOV, N. M.

"Study of Glanders in Overworked and Undernourished Horses" included in

Chap. 1 - Infectious and Invasive Diseases (p 40) of

"Bolezni Loshadey (Equine Diseases)", Sbornik Rabot (Collection of works), Cgiz-Selikhozgiz, 1947

Compiled by A. Yu. Branzburg and A. Ya. Shapiro under Editorship of A. M. Laktionova, State Press for Agric. Literature. In majority of cases, previously published in the journal <u>Veterinariya</u> or in one of the manuals issued by the Veterinary Admin. of the Armed Forces USSR

-₩-9922, 1 May 1950, p 1

m

STIFIZOV, h. M. and FOLKANOV, h. R.

"The effect of cold on components which are applied for serological diagnostics of glenders,"
Author's report. In symposium: Mauch.-prakt. rabbty voyen-v t. slughby, Moscov, 1948, p. 9394

SO: U-3850, ls June 53, (Letopis 'Zhurnal 'aykh State's, No. 5, 1949).

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STRELEGY, T. M. and Folkhalov, Y. M.

"The activity of counter-tetanus metaxin subjected to refrigeration," (Author's report), In symposium: Nauch-pract. raboty voyen-wet. Flushey, Moscow, 1948, p. 95-96

SO: U-7850, 16 June 53, (Leto_As 'Zhurnal 'nykh Statey, No. 5, 1949).
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是一个人,我们就是一个人,我们就是一个人,我们就是一个人的人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,他

STRELKOV, N.V.

Continuously improve rural telephone service. Vest. sviazi 25 no.6:25-26 Je 165. (MIRA 18:11)

1. Nachal'nik Novosibirskogo oblastnogo upravleniya svyazi.

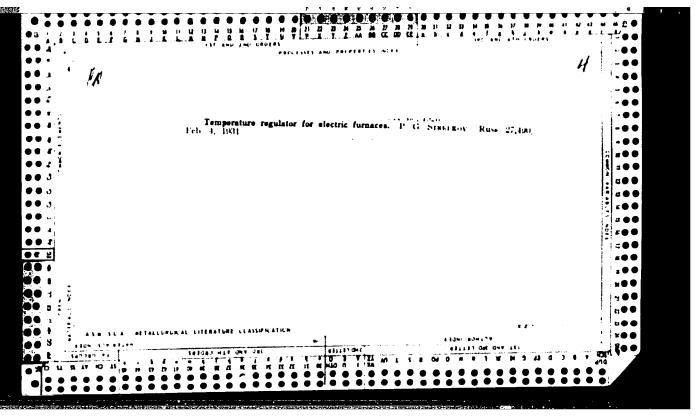
这些可能是在**这种的人,但是**是是一种的人,但是一种,他们就是是一种的人,但是一种的人,但是一种的人,是是一种的人,是是一种的人,是是一种的人,是是一种的人,也是

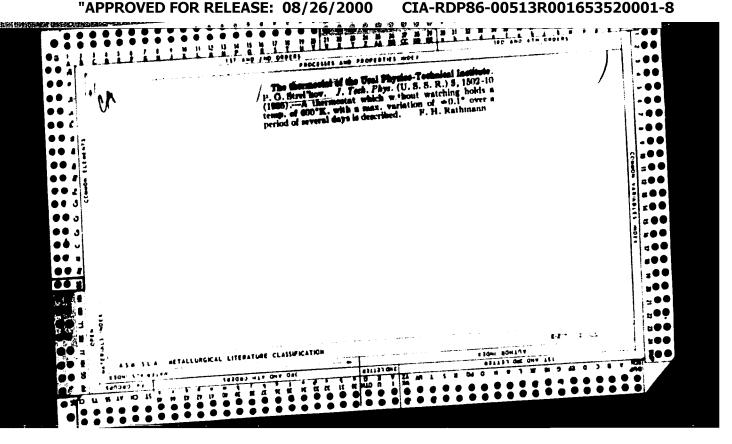
STRELKOV,P.

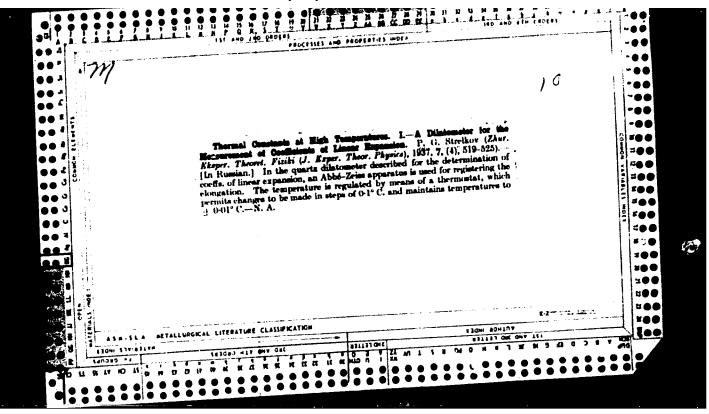
Electric equipment of a model. Voen.znan.31 no.7:28-29 J1'55.

(Automobiles--Models) (MIRA 8:12)

SEPTEMBER PROPERTY.	大学的一种,我们就是一个人的一个人,我们们就是一个人的一个人的一个人的一个人的一个人的一个人的一个人的一个人的一个人的一个人的	
	STRELKOV, P.	
	Electric motor. Voen.znan. 32 no.1:23-24 Ja '56. (MLRA (Automobiles-Engines-Models)	9:5)
usteni saran Sisa		







Thereis Constants in High Temperatures

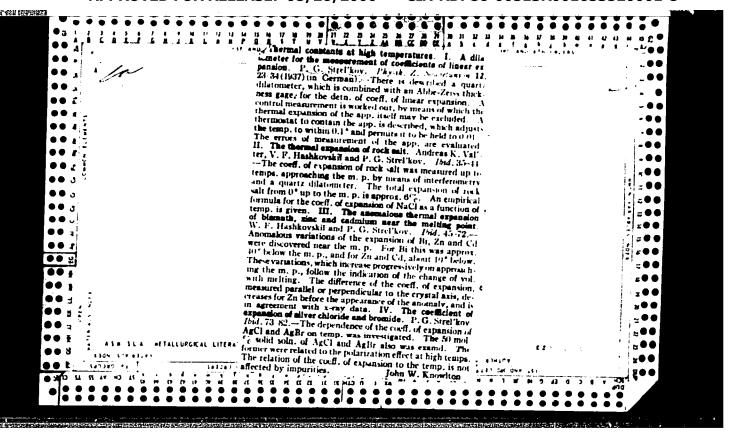
II - Thermic Expansion of Rock Calt

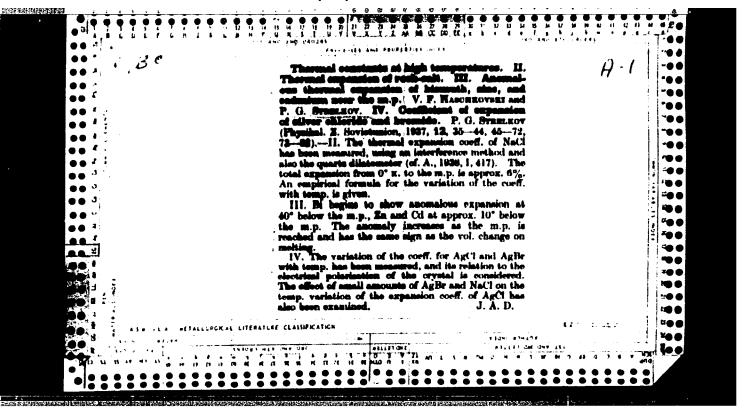
ZhOUF 7, 500, 1937

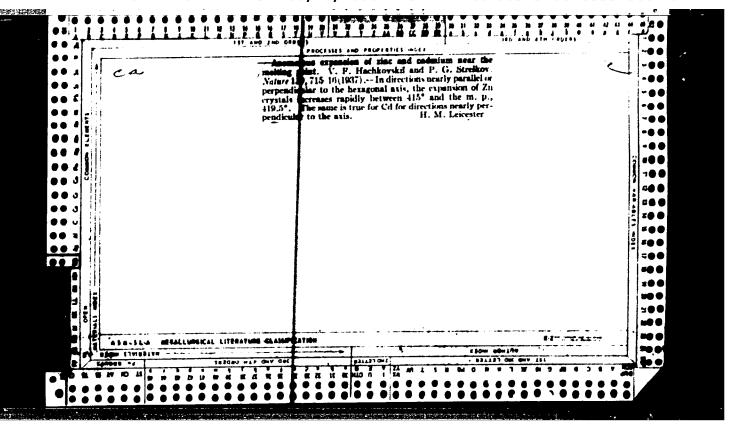
Theraic Constants in High Temperatures. IV. Expansion Coefficient of Silver Chloride and Bromide.

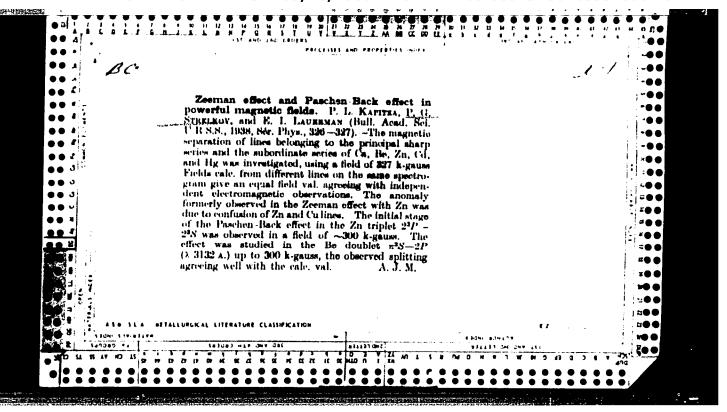
ZhETF 7 549, 1937

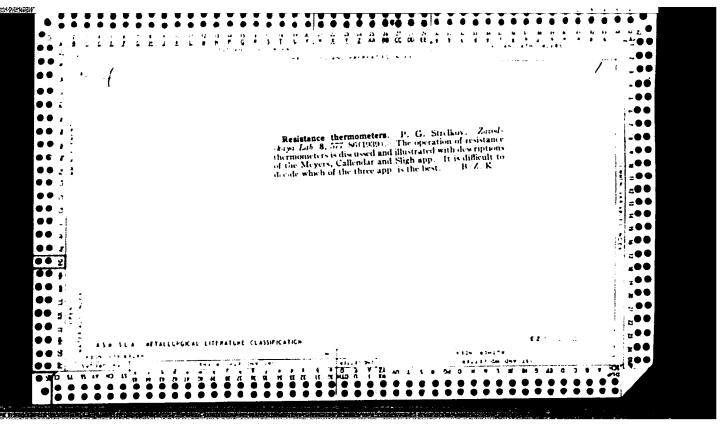
APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520001-8"



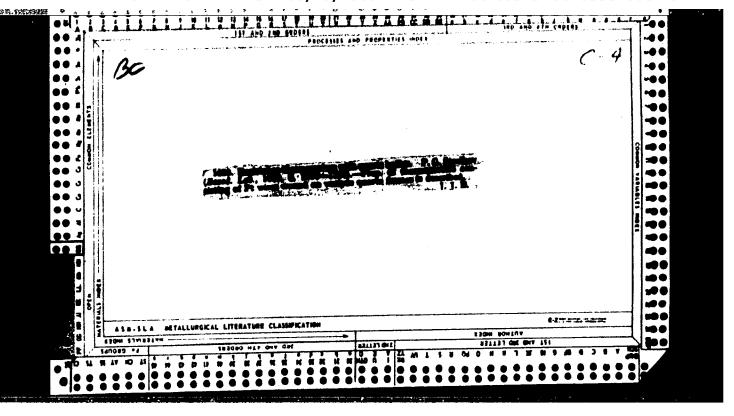


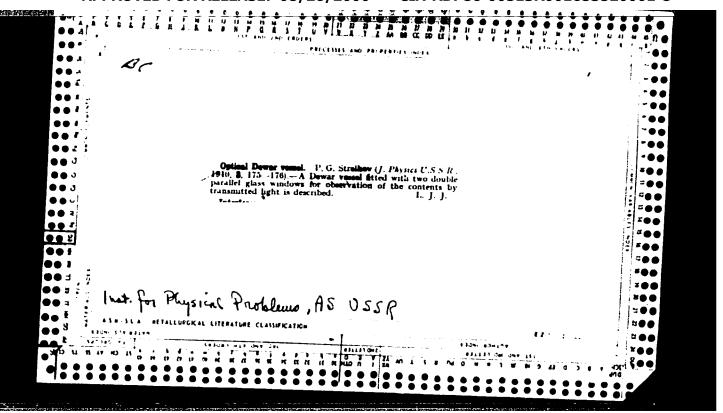


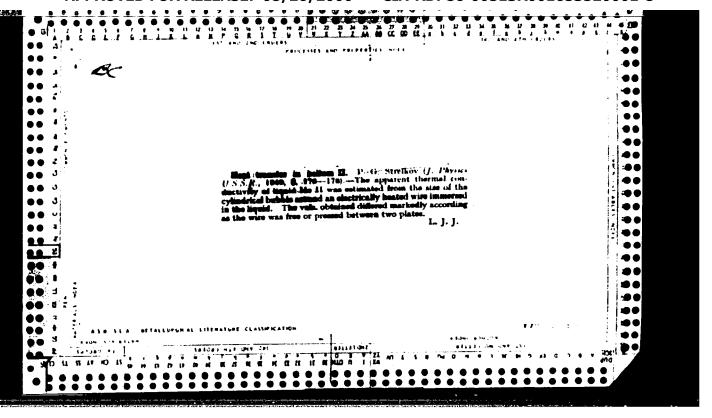


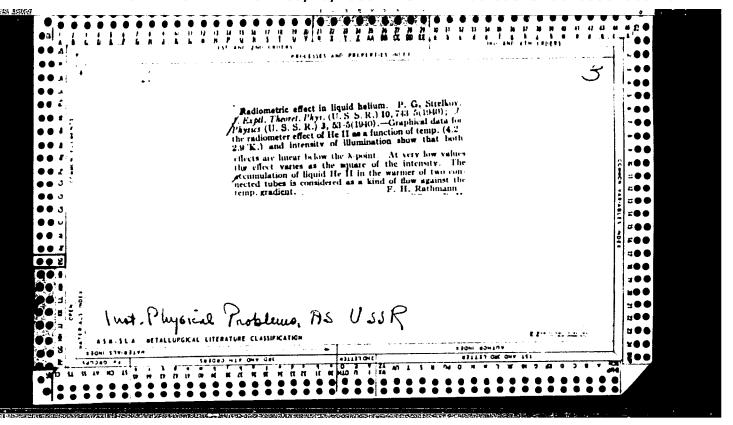


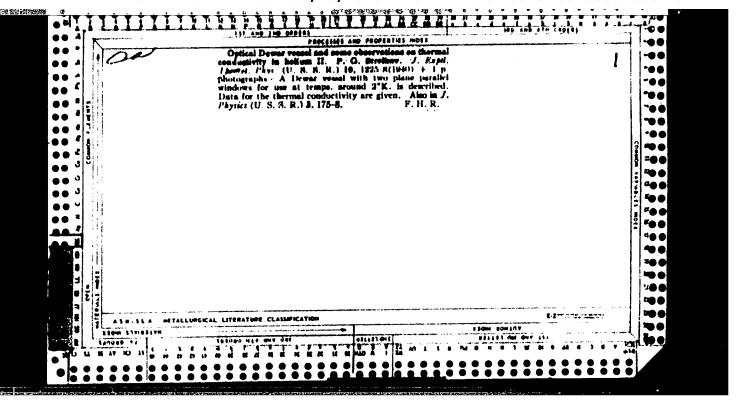
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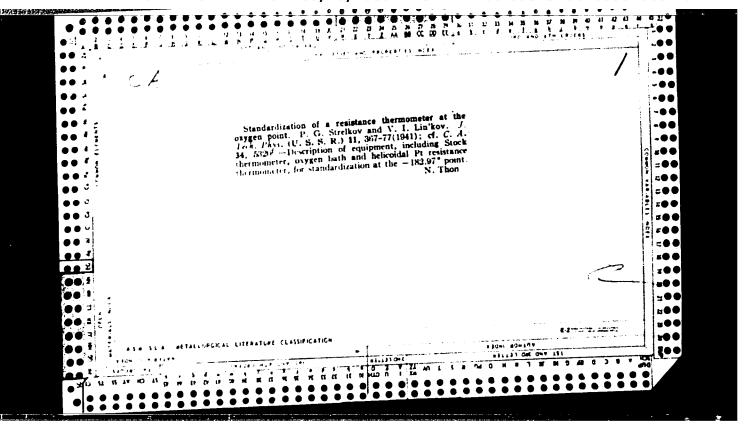












Conc. Notes on the Technology of Nanufacture of Materalz Gels," Michaed, No.2, 1945.

Inst. Phys. Problems, AS USSR

NAME OF THE PROPERTY OF THE PR

C. A.

Work done on thermometry of low temperature. P. G. Birribov. Invat. Abad. Nonh S.S.S.R., Ser. Phr. 14, 115-21 (1950).—The investigated region bay between 10-14°K, and 300 °K. Pi resistance thermometers with quarta sheves were calibrated at the b.p. of S, the b.p. and m.p. of $H_{\rm O}$, and the b.p. of $G_{\rm L}$. Pt of 99,9908% purity and $R_{\rm int}/R_{\rm e}=1.3924$ was used in the latest models. Temps, between 10 and 90 °K. were also measured with Pt resistance thermometers calibrated with the b.p. value of $H_{\rm F}$ and the standard L6 of the American Bureau of Standards. With these were

Astablished: the O₁ triple point at 54.37 °K., the transition point in solid O₂ at 43.79 °K. The b.p. of H₂ depends on its content of ortho and para varieties. An app. was developed contg. 2 condemation thermometers one of which was filled with 25% para-H₂ and the other contained 99.8% para-H₂ cheld in equil, by a catalyzing Al₂O₃ get.

8. Palmwer

STRELKOV. P. G.

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520001-8"

516.531

7209. Production and calibration of a group of resistance thermometers with quartz frames. N. A. BRILLYANTOV. V. I. LINKOV AND P. G. STRELKOV. J. Tech. Phys., USSR, 20, 335-44 (March, 1950) In Russian.

PA 234192 Cyrida CV, F. d.

> USSR/Physics - Low Temperatures Liquid Hydrogen

1 Mar 52

"A New-Type Gas Thermometer and the Determination of the Temperature of Boiling Hydrogen," A. S. Borovik-Romanov, P. G. Strelkov, Moscow State Inst of Measures and Measuring Instruments

"Dok Ak Nauk SSSR" Vol 83, No 1, pp 59-61

By subject instruments the authors obtain the following value for subject temp of boiling hydrogen: $20.380 \pm 0.0022^{\circ}A$. Submitted 9 Jan 52 by Acad M. M. Dubinin.

234192

USSR/Chemistry- Potassium Salts

Aug 52

"Measurements of Specific Heat Between 12 and 300° K: Specific Heat and Entropy of Potassium Chloride," P. G. Strelkov, Ye. S. Itskevich, V. N. Kostryukov, and G. G. Mirskaya, Inst of Phys Prob imeni S. I. Vavilov Acad Sci USSR; Moscow State Inst of Measures and Measuring Instruments

"DAN SSSR" Vol 85, No 5, pp 1085-1088

In a specially constructed apparatus, the specific heat and entropy of potassium chloride were measured. The results agree with those obtained by other workers. Submitted by Acad M. M. Dubinin 4 Jun 52. 239T25

STRELKOV, P.G.

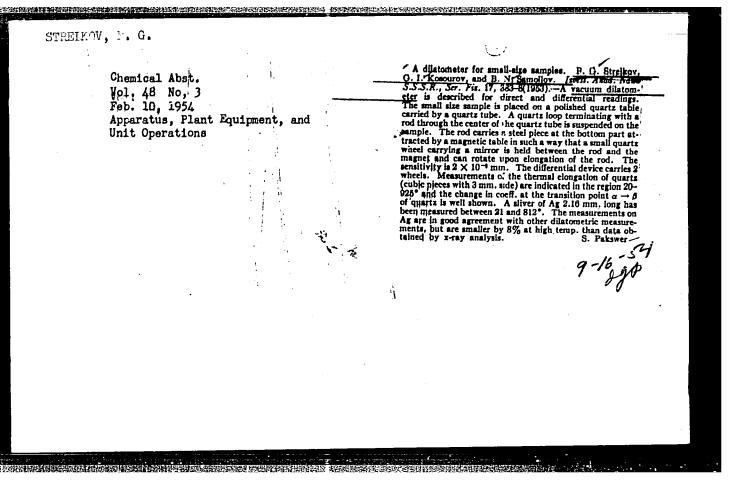
在一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们 第一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们

[Group programs for extracurricular children's organizations; young electricians' group (first year)] Programmy krushkov vnesh-kol'nykh detskikh uchreshdenii; krushok iunykh elektrotekhnikov (1-i god zaniatii). Moskva, Uchpedgiz, 1953. 15 p. (MLRA 6:12)

1. Tsentral'naya stantsiya yunykh tekhnikov imeni H.M.Shvernika. (Electricity)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653520001-8



STRELKOV, P.

For skilled hands: wind-driven electric station. Tekh. molod. 21 no.6:
(MLRA 6:6)
36-37 Je 153.

(Windmills)

STHELKOV, P., inzhener.

For skillful hands; electroetching pencil. Tekh.molod. 21 no.8:39 Ag '53.

(MLRA 6:7)

(Marking devices)

STRALEOV, F. ...

USSR/Physics - Cryogenics techniques FD-501

Card 1/1 : Pub. 146-18/18

Author : Strelkov, P. G.

Title : Some improvements in the techniques of experimental physics at very

low temperatures

Periodical: Zhur. eksp. i teor. fiz., 24, 248, Feb 1953

Abstract : Improves method of obtaining high vacuum by sorption of residual gas by

cooled carbon. Finds application of "carbon pump" very efficient at

helium temperatures.

Institution : Institute of Physical Problems. Acad. Sci. USSR

Submitted : October 8, 1952

4

USSR/Physics - Cryogenics of 02

1 Jun 53

"Heat Capacity of Solid Oxygen Below 40 K," M. O. Kostryukova and P. G. Strelkov, Inst of Phys Problems imeni Vavilov, Acad Sci USSR

DAN SSSR, Vol 90, No 4, pp 525-528

Conclude that solid oxygen passes over into another class of magnetics between 10 and 4.20 K, but around 10° K is described by the formula g/X=(1/3)(2nmck/eh) in A. S. Borovik-Romanov's investigation (Zhur Eks i Teor Fiz 21, 1303 (1951)), who, along with the authors, was the first to construct necessary

254T106

apparatus to conduct these measurements in the region 4.2-2.5° K. State that the mentioned transition has been studied neutronographically by R. P. Ozerov (Usp Fiz Nauk, 47, 445 (1952)). Presented by Acad L. D. Landau 31 Mar 53.

STRELKOV P.C.
USSR/Phys co Low temperatures calibration

FD-898

Card 1/1

Pub 153-7/26

Author

: Borovik-Romanov, A. S., Orlova, M. P., and Strelkov, P. G.

Title

: Equipment for producing the temperature of boiling hydrogen

Periodical

: Zhur. tekh. fiz. 24, 1219-1223, Jul 1954

Abstract

: The first step in the establishment of a temperature scale from 14 to 90°K is described, taking the boiling point of H as reference point. The equipment and the methods to determine this point within tolerances of t 0.003°K is outlined. Six refer-

ences including 3 foreign. Tables; graphs.

Institution

Submitted

: December 16, 1953

CIA-RDP86-00513R001653520001-8 "APPROVED FOR RELEASE: 08/26/2000

STRELKOV, P.G.

USSR/Physics - Measuring Instruments

Pub. 147 - 22/27 Card 1/1

: Strelkov, P.G.; Borovik-Romanov, A.S.; and Orlova, M.P. Authors

Thermodynamic investigations at low temperatures. Part 1,-Measurement of Title

temperatures between 12 and 3000 K.

Periodical : Zhur. fiz. khim. 28/2, 345-352, Feb 19,

A technique was developed for the manufacture of thermometers with international scale graduation. The technique of calibrating thermometers, at a Abstract temperature corresponding to the boiling point of hydrogen, is described. simple way of fixing the scale of a platinum resistance thermometer, by re-

ducing it to the standard table, is explained. The technique described can also be applied in measuring the temperatures between 12 and 300° K with deviations from the thermodynamic scale of about 0.03 - 0.04°. Fifteen

references: 8-USSR; 3-USA; 2-German and 2-English (1929-1952). Tables; drawings.

Institution : State Institute of Measures and Measuring Instruments, The S.I. Vavilov

Institute of Physical Problems, Moscow

: June 8, 1953 Submitted

USSR/Chemistry

Card 1/1

Authors

Strelkov, P. G., Tsikevich, E. S., Kostryukov, V. N., Hirskaya,

G. G., and Samoylov, B. N.

Title

Thermodynamic investigations at low temperatures. Part 2.Measurement of specific heat of solids and liquids between 12

and 300° K.

Periodical

: Zhur. Fiz. Khim. 28, Ed. 3, 459-472, March 1954

Abstract

A vacuum calorimeter arrangement with screening shields was constructed which enables to measure at low temperatures the specific heat of substances which at room temperature are either in solid or liquid states. The vacuum housing of the calorimeter is sectional because of the sectional vacuum compressor functioning at low temperatures. The installation is equipped with all other auxiliary devices. Calibration is made on the empty calorimeter. The described arrangement enables to conduct measurements in a temperature range of from 12-300 K. Three references. Drawings, graphs.

Institution

Acad. of Sc. USSR, the S. I. Vavilov Institute of Physical Problems and the Moscow State Institute of Weights and Measures

Submitted

. June 6, 1953

STREIKOV, F. G. USSR/Chemistry - Specific Heat

Card 1/1

Authors

Strelkov, P. G., Itskevich, E. S., Kostryukov, V. N., and Mirskaya,

G. G.

Title

: Thermodynamic Studies at Low Temperatures. III. Specific Heat of Potassium Chloride Between 12 and 300° K. Entropy of Potassium

Chloride at 298, 16° K.

Periodical

: Zhur. Fiz. Khim. Vol. 28, Ed. 4, 645-649, Apr 1954

Abstract

A study of the specific heat of potassium chloride between 12 and 300° K, and the entropy of potassium chloride at 298, 16° K, is presented. Data compiled on the specific heat of potassium chloride at low temperatures indicate that the discrepancies in contemporary measurement methods can cause an error in the entropy at standard

temperatures. Seven references; tables; graphs.

Institution

S. I. Vavilov's Institute of Physical Problems of the AS of the USSR,

and the Moscow Institute of Measures and Measuring Instruments.

Submitted

June 8, 1953

"APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520001-8 。 3. 1975年 - 1975年 -

STRE KOV, P. G.

USSR/Chemistry - Specific Heat

Card 1/1

Kostryukov, V. N., Alikhanyants, R. A., Samoylov, B. N., and Authors

Strelkov, P. G.

Termodynamic Studies at Low Temperatures. IV. Methods for Measuring the : Title

Specific Heat of Condensed Gases.

Zhur. Fiz. Khim. Vol. 28, Ed. 4, 650-655, Apr 1954 Periodical

A general description is given of a calorimetric apparatus, used for : Abstract

measuring the specific heat of condensed gases at low temperatures, and the determination of the volume of gas by means of weighing it under condensed condition. Four references; tables; graphs, drawings.

S. I. Vavilov's Institute of Physical Problems of the AS of the USSR. Institution

June 8, 1953 Submitted

STRE INOV, P.G.

USSR/Chemistry Analysis methods

Card 1/1 Pub. 147 - 17/25

Authors & Kostryukov, V. N., and Strelkov, P. G.

Title thermodynamic investigations at low temperatures. Part 5. Melting, pre-melting and pseudo-phase conversion of Hg.

Periodical : Zhur. fiz. khim. 28/10, 1825-1830, Oct 1954

* Calorimetric investigations, carried out close to the melting point, showed no anomalies in the specific heat of pure Hg in solid, liquid and supercooled states. The absence of measurable phenomena, caused by the existence of hetero-phase fluctuations in solid Hg, was established. Experimental premelting of solid Hg was brought about by the addition of Zn, Tl and Zn + Tl to the pure mercury. During Tl concentration in the mercury ranging from 0.02 to 0.1% the specific heat peak was observed at a melting point of the Tl-Hg eutectics. Eleven references: 7-USSR; 3-USA and 1-English (1915-

1954). Table; graphs; drawing.

Institution: Academy of Sciences USSR, The S. I. Vavilov Institute of Physical

Problems

Submitted: March 13, 1954

USSR/Physics - Solid oxygen

Card 1/1 Pub. 22 - 9/56

Authors : Borovil

Borovik-Romanov, A. S.; Orlova, M. P.; and Strelkov, P. G.

Title

Magnetic and thermal properties of three modifications of solidified oxygen

Periodical : Dok. AN SSSR 99/5, 699-702, Dec 11, 1954

Abstract

Experiments were conducted to determine the magnetic and thermal properties of solidified oxygen in the following three modified states: O - at the temperature lower than 23.88°K; B - at the temperature between 23.88°K and 43.80°K; and O - at the temperature between 43.80°K and 54.37°K. Specific heat of oxygen at various temperatures was determined in view of Debye's temperature factor. Anti-ferro-magnetic properties of oxygen in its O and O states were checked by ballistic methods with the help of Denar's flask. Magnetic susceptibility of oxygen in its O state was measured and found to obey, as well as in the case of liquid oxygen, Curie's law O - Fourteen references

7-USSR (1911-1954). Graphs; diagram.

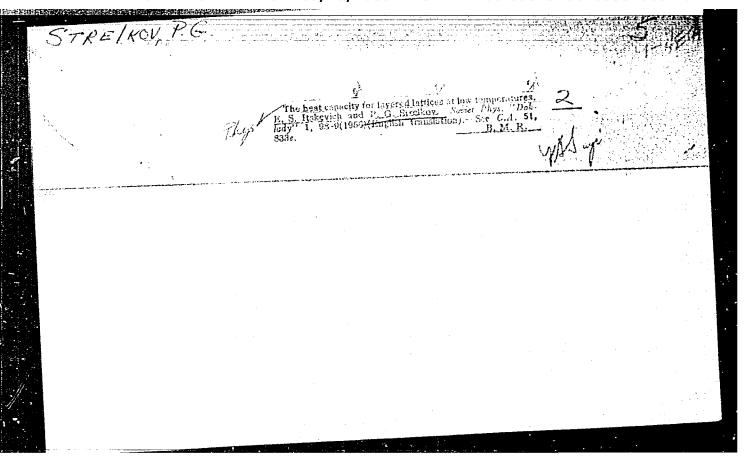
Institution: Moscow State Institute of Measures and Measuring Devices

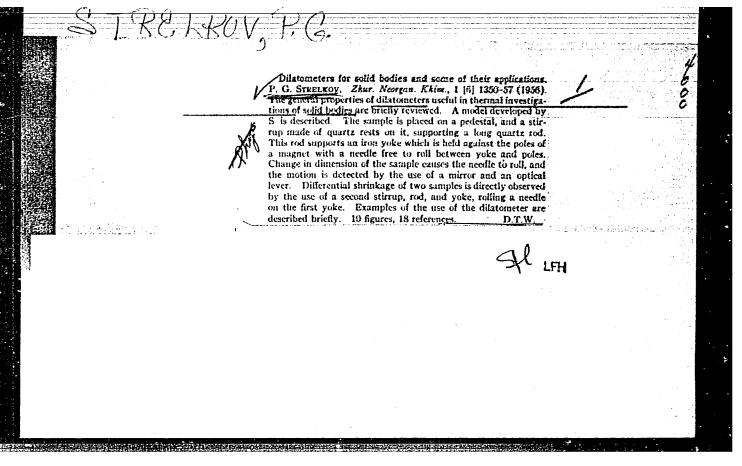
Presented by: Academician P. L. Kapitsa, August 5, 1954

以对抗的的结果,这种人的人,对对人的人的人,对对人的人,对对人的人的人,可以不是一个人的人,也可以不是一个人的人,也可以不是一个人的人,也可以不是一个人的人,可以不

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Technical reports on low-temperature metrology. Izm. tekh.
no.1:22-27 Ja-F'55. (MIRA 8:9)

(Low temperature research) (Thermometry)
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STRELKOV, Petr Georgiyevich; YEFREMOVA, Ye.V., redaktor; ANDRIANOV, B.I., tekhnicheskiy redaktor

[Homemade telephone apparatus] Samodel'nye telefonnye apparaty.
Moskva, Izd-vo DOSAAF, 1956. 71 p. (MIRA 10:2)

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653520001-8"

STRELKOV, P.G., inzhener; FILIPPOVA, V.S., redaktor; DZHATIYEV, S.G., tekhnicheskiy redaktor

[Programs for extracurricular and school study groups; homemade wind-power electric plant (description and designs)] Programmy kruzhkov vneshkol'nykh uchrezhdenii i shkol; samodel'naia vetriannaia elektricheskaia stantiia (opisanie i chertezhi). Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosv. RSFSR, 1956. 84 p. (MIRA 10:4)

1. Russia (1917- R.S.F.S.R) Glavnoye woravleniye shkol.

(Technical education) (Wind power)

(Electric power production)